

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011520\
 Data File : VN059711.D
 Acq On : 15 Jan 2020 10:53
 Operator : JC/MD
 Sample : VN0115MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115MBL01

Quant Time: Jan 16 03:41:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 14 08:58:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	200797	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	298669	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	256360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	109497	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	102380	45.91	ug/l	0.00
Spiked Amount			Recovery	=	91.82%	
35) Dibromofluoromethane	7.57	113	90408	50.76	ug/l	0.00
Spiked Amount			Recovery	=	101.52%	
50) Toluene-d8	10.08	98	336580	48.77	ug/l	0.00
Spiked Amount			Recovery	=	97.54%	
62) 4-Bromofluorobenzene	12.40	95	115533	46.44	ug/l	0.00
Spiked Amount			Recovery	=	92.88%	

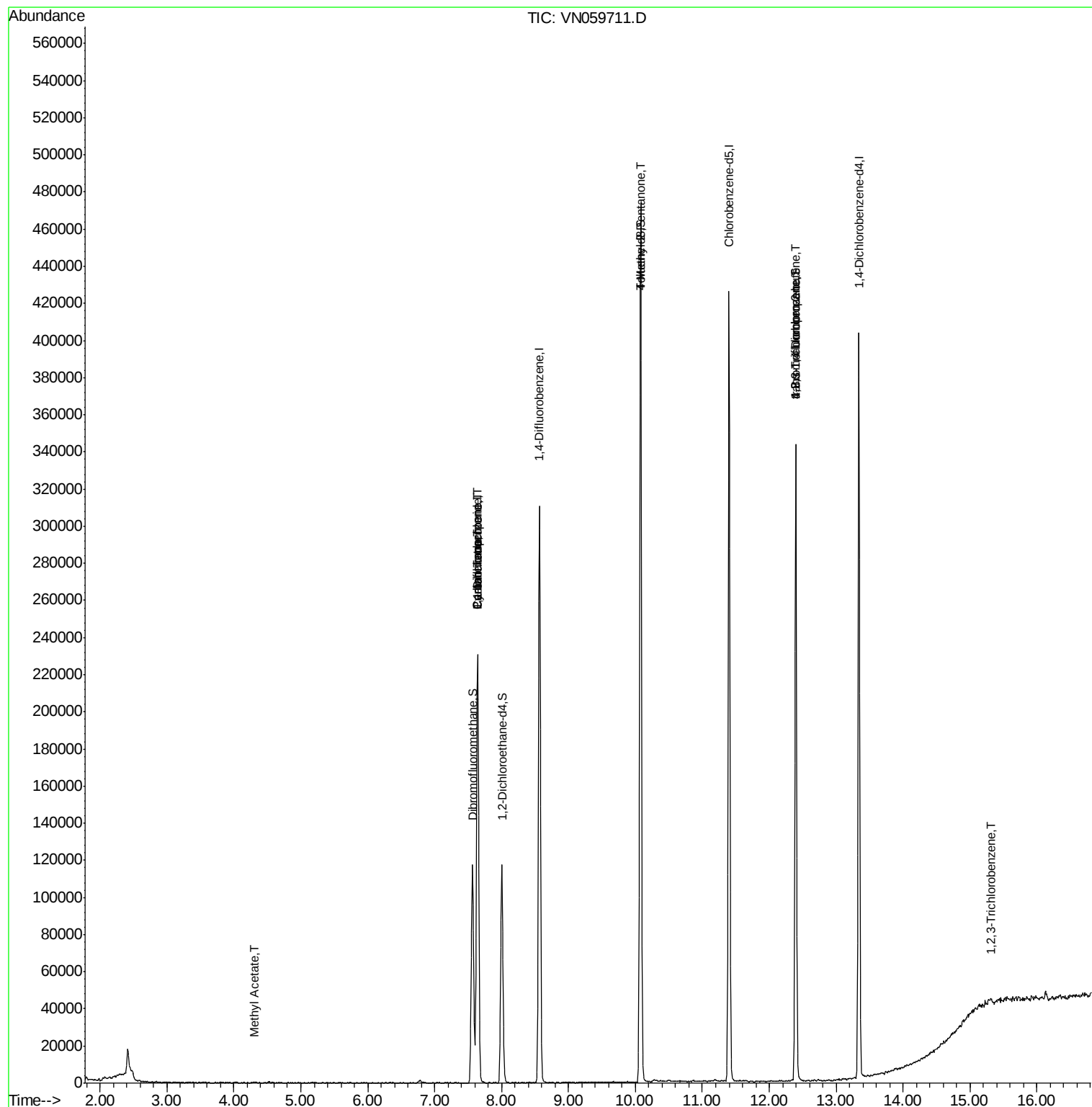
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.80	43	297	Below Cal	#	45
18) Methyl Acetate	4.30	43	977	0.375	ug/l #	54
20) Methylene Chloride	4.52	84	316	Below Cal	#	77
31) Cyclohexane	7.64	56	3854	1.168	ug/l #	3
36) 1,1-Dichloropropene	7.64	75	12948	4.978	ug/l #	50
38) Carbon Tetrachloride	7.64	117	18470	6.528	ug/l #	16
51) 4-Methyl-2-Pentanone	10.08	43	1521	0.627	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	57090	30.981	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	57090	66.532	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.28	75	61	Below Cal	#	6
96) 1,2,3-Trichlorobenzene	15.32	180	438	0.214	ug/l #	86

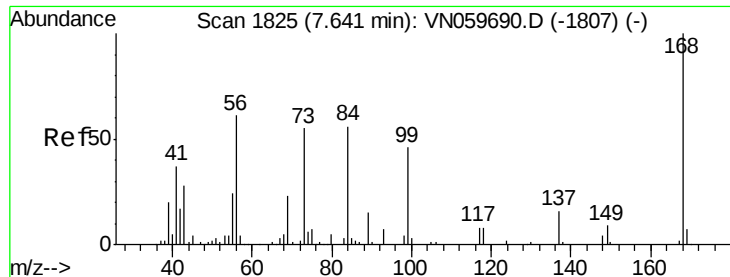
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN011520\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059711.D

Acq: 15 Jan 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

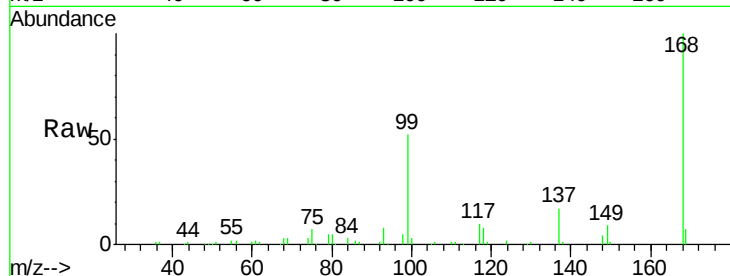
VN0115MBL01

Tgt Ion:168 Resp: 200797

Ion Ratio Lower Upper

168 100

99 52.1 48.2 72.4

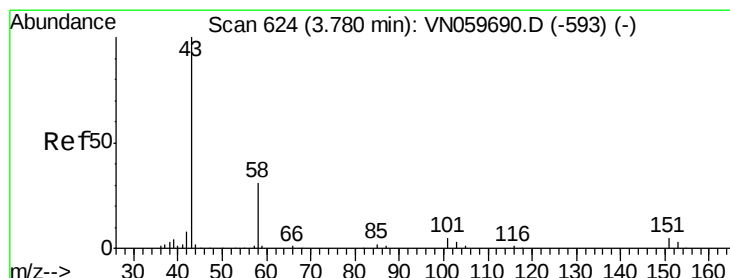
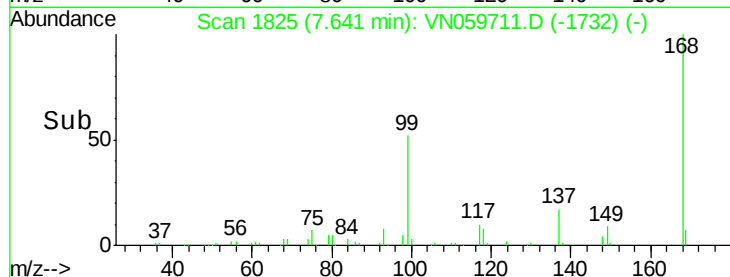


Abundance Ion 167.90 (167.60 to 168.60): VN059711.D (-1732) (-)

Ion 98.90 (98.60 to 99.60): VN059711.D (-1732) (-)

7.64

Time-->



#16

Acetone

Concen: Below Cal

RT: 3.80 min Scan# 629

Delta R.T. 0.02 min

Lab File: VN059711.D

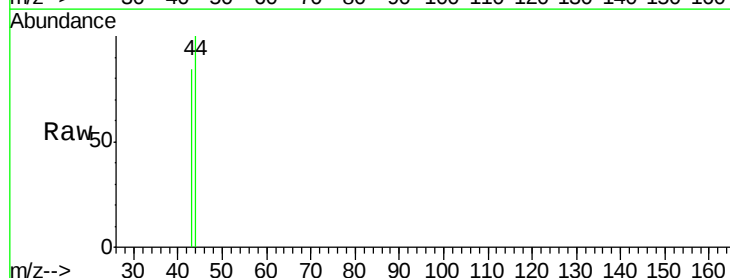
Acq: 15 Jan 2020 10:53

Tgt Ion: 43 Resp: 297

Ion Ratio Lower Upper

43 100

58 0.0 23.6 35.4#

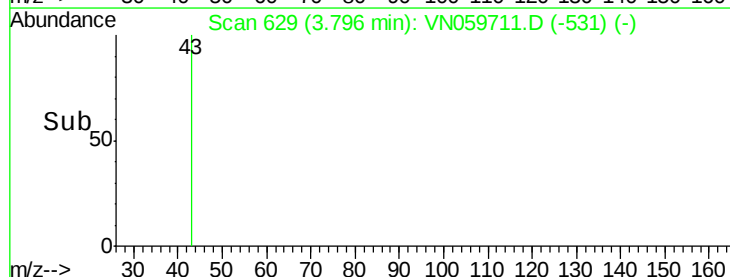


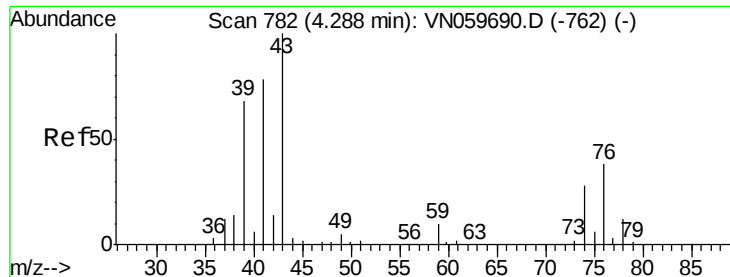
Abundance Ion 43.00 (42.70 to 43.70): VN059711.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN059711.D (-531) (-)

3.80

Time-->

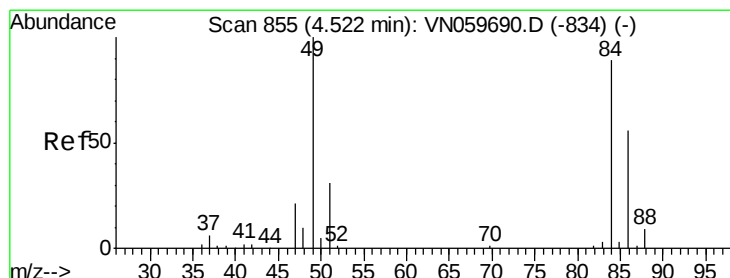
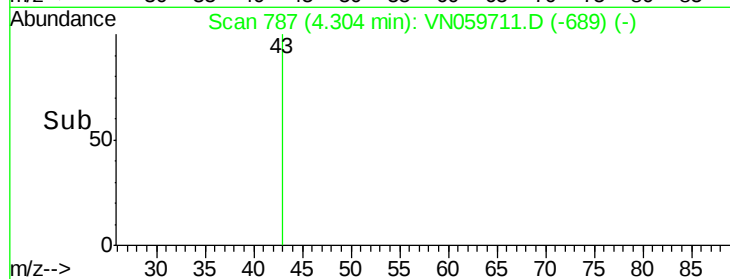
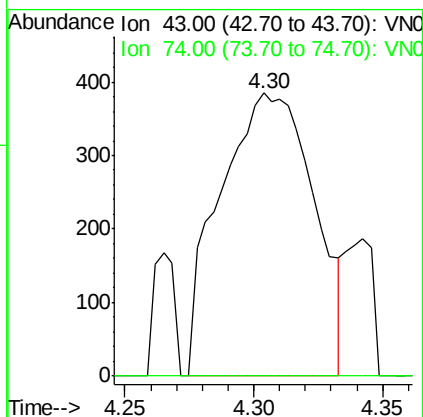
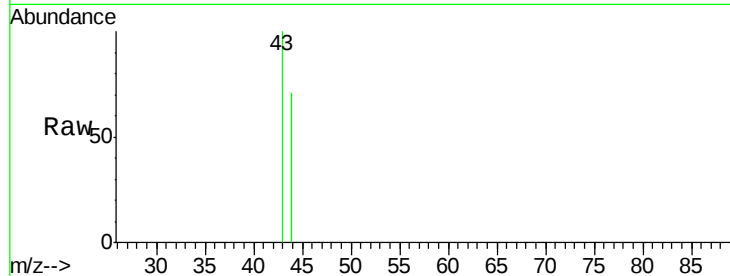




#18
Methyl Acetate
Concen: 0.375 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.02 min
Lab File: VN059711.D
Acq: 15 Jan 2020 10:53

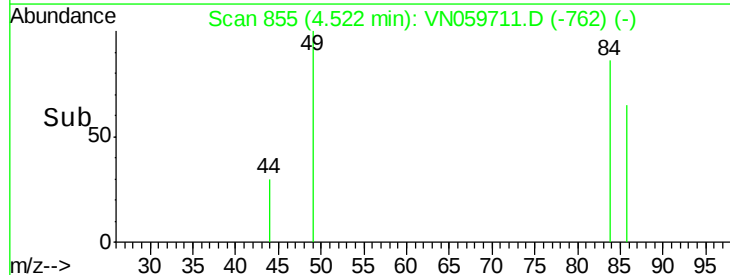
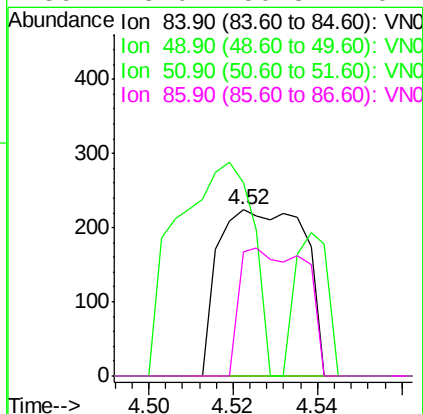
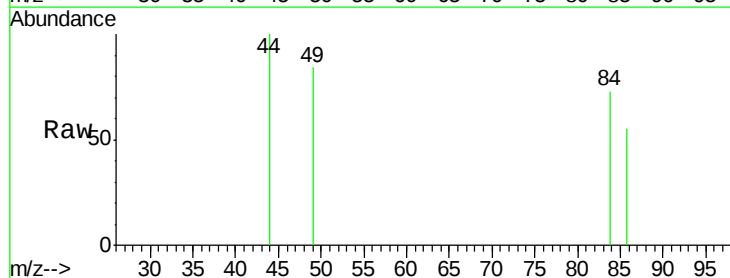
Instrument :
MSVOA_N
ClientSampleId :
VN0115MBL01

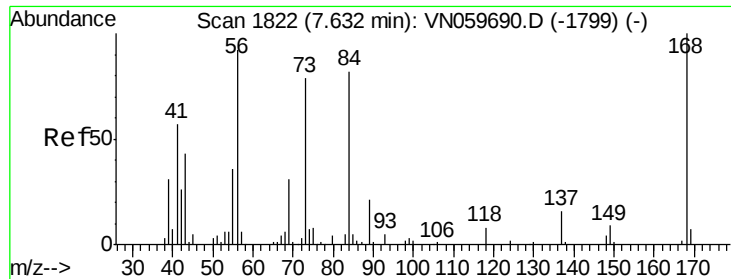
Tgt Ion: 43 Resp: 977
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059711.D
Acq: 15 Jan 2020 10:53

Tgt Ion: 84 Resp: 316
Ion Ratio Lower Upper
84 100
49 116.1 106.6 160.0
51 0.0 31.9 47.9#
86 75.0 50.8 76.2

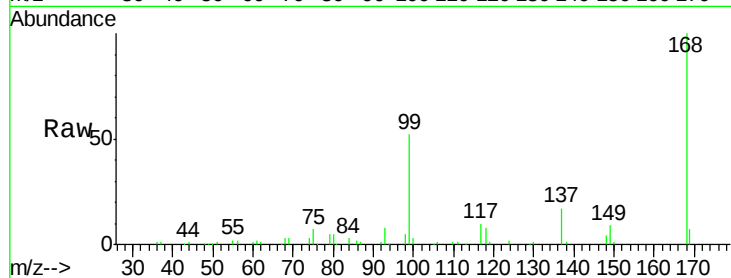




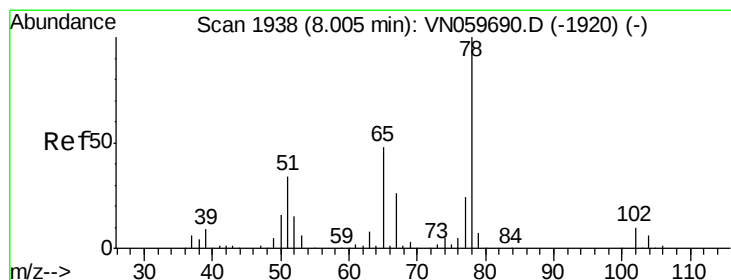
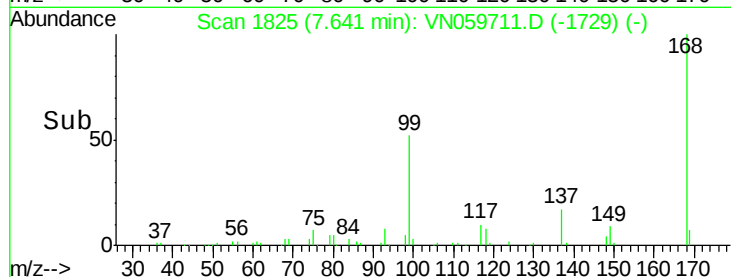
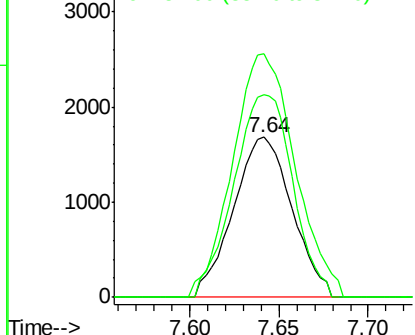
#31
Cyclohexane
Concen: 1.168 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VN059711.D
Acq: 15 Jan 2020 10:53

Instrument :
MSVOA_N
ClientSampleId :
VN0115MBL01

Tgt Ion: 56 Resp: 3854
Ion Ratio Lower Upper
56 100
69 152.1 26.5 39.7#
84 126.5 65.3 97.9#

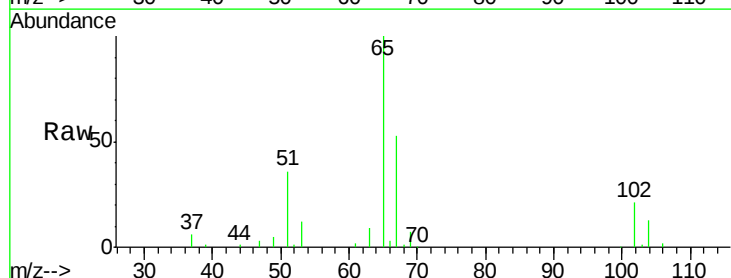


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

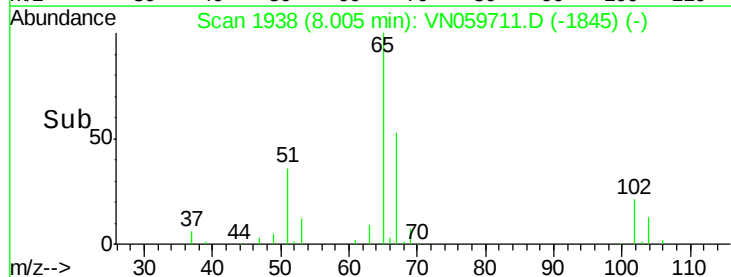
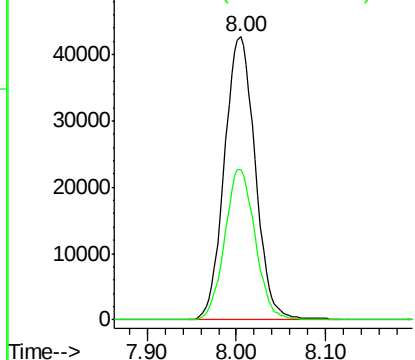


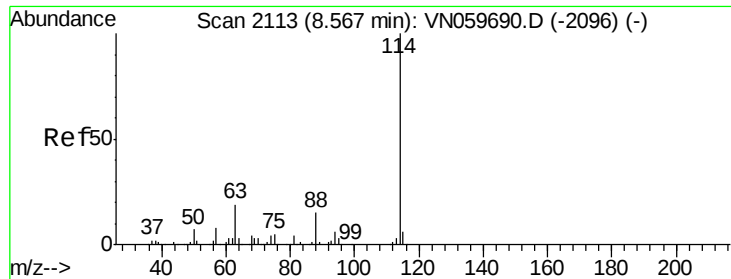
#33
1,2-Dichloroethane-d4
Concen: 45.912 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN059711.D
Acq: 15 Jan 2020 10:53

Tgt Ion: 65 Resp: 102380
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC

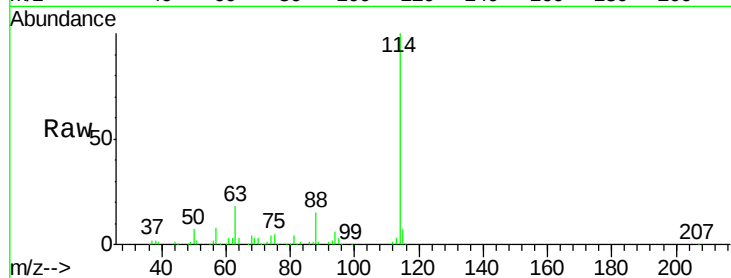




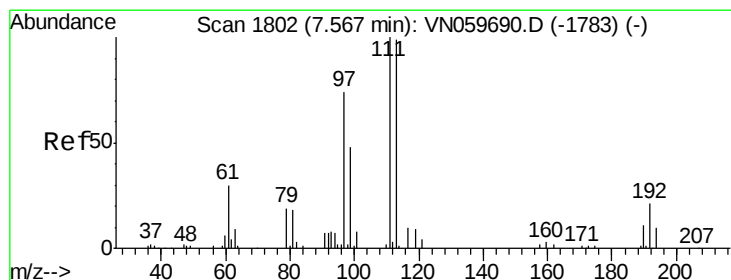
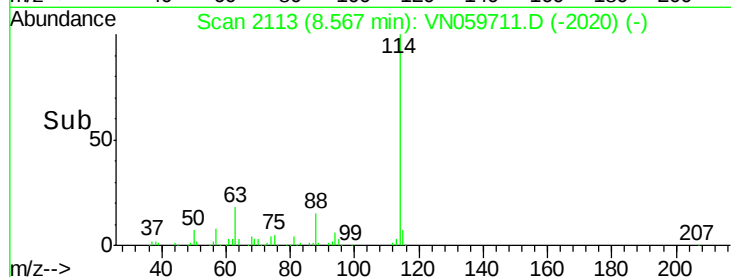
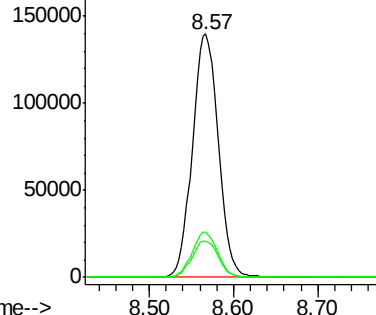
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059711.D
 Acq: 15 Jan 2020 10:53

Instrument :
 MSVOA_N
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 VN0115MBL01

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	43.6
88	14.8	0.0	31.4

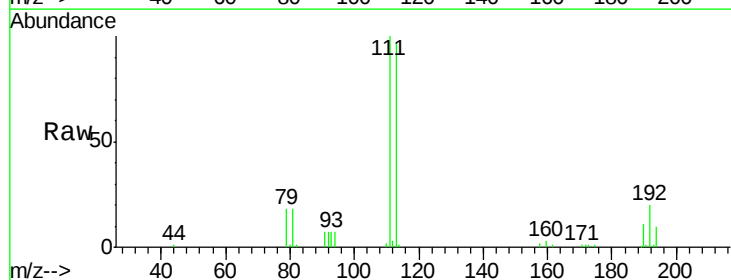


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

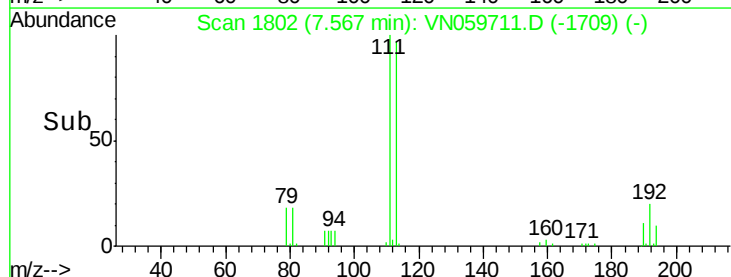
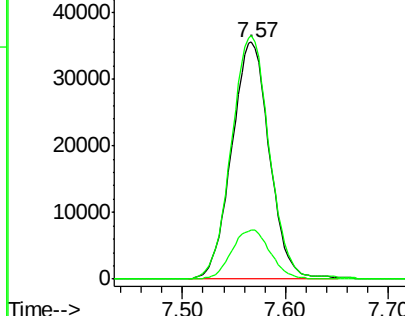


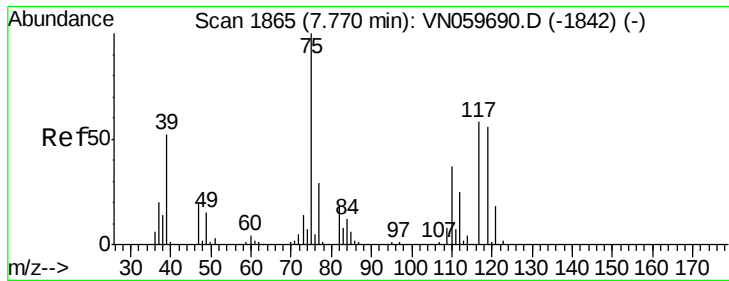
#35
 Dibromofluoromethane
 Concen: 50.760 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059711.D
 Acq: 15 Jan 2020 10:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.5	125.3
192	21.2	15.4	23.2



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

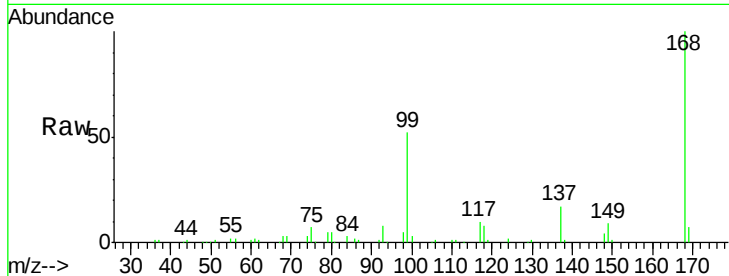




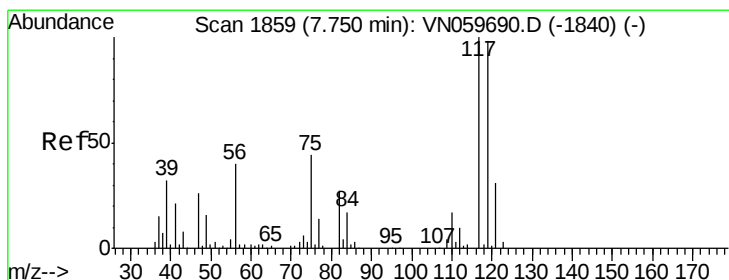
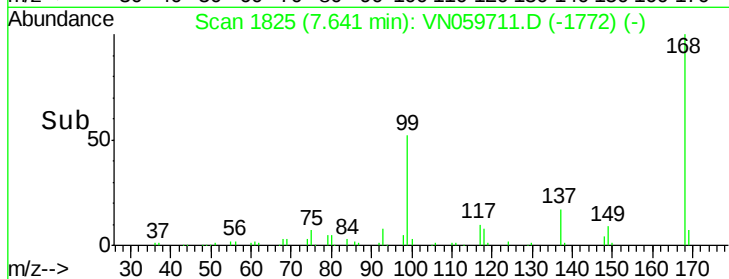
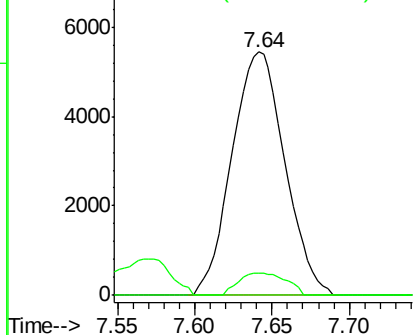
#36
 1,1-Dichloropropene
 Concen: 4.978 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN059711.D
 Acq: 15 Jan 2020 10:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115MBL01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.2	16.6	49.7#
77	0.0	25.1	37.7#

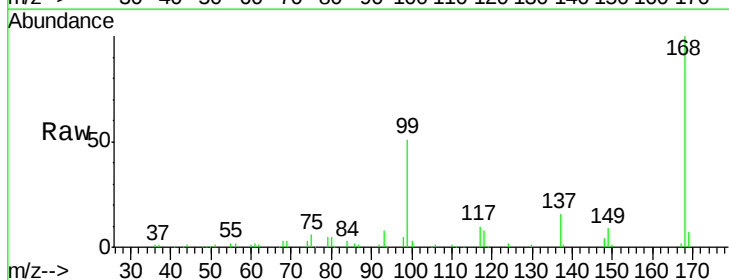


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

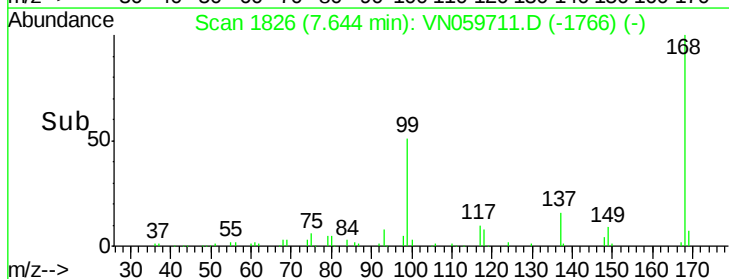
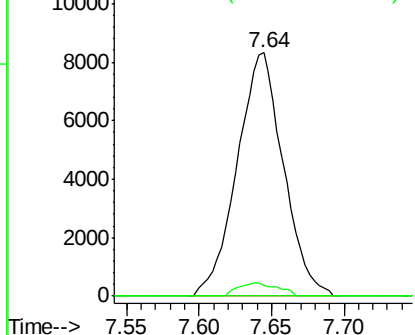


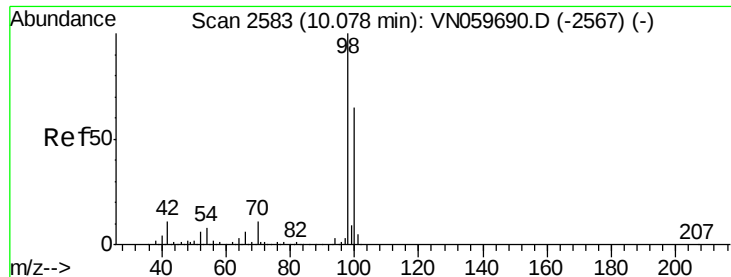
#38
 Carbon Tetrachloride
 Concen: 6.528 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.11 min
 Lab File: VN059711.D
 Acq: 15 Jan 2020 10:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	76.5	114.7#
121	0.0	25.1	37.7#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 48.774 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059711.D

Acq: 15 Jan 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

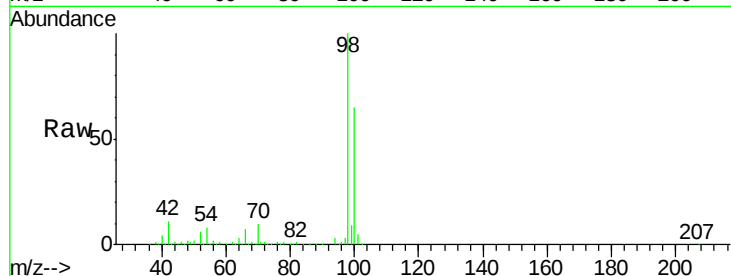
VN0115MBL01

Tgt Ion: 98 Resp: 336580

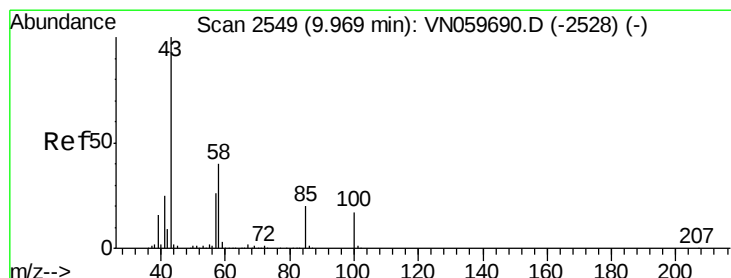
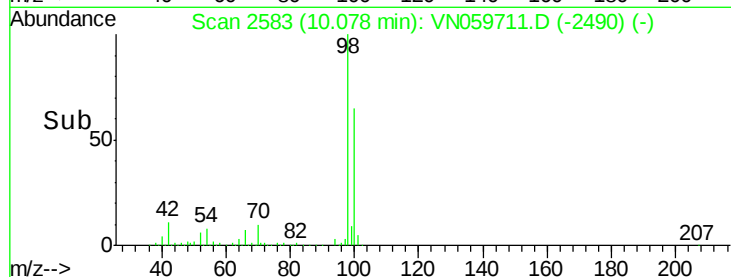
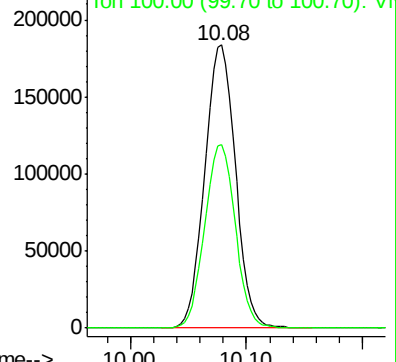
Ion Ratio Lower Upper

98 100

100 64.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN059711.D (-2490) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.627 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.11 min

Lab File: VN059711.D

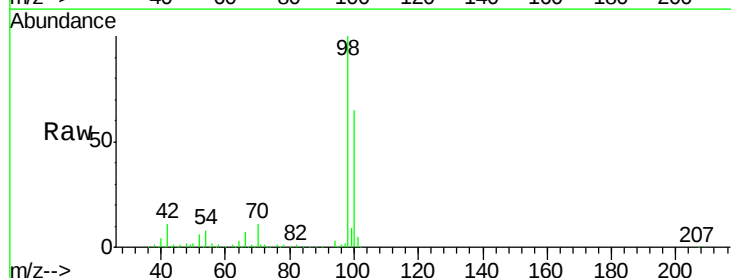
Acq: 15 Jan 2020 10:53

Tgt Ion: 43 Resp: 1521

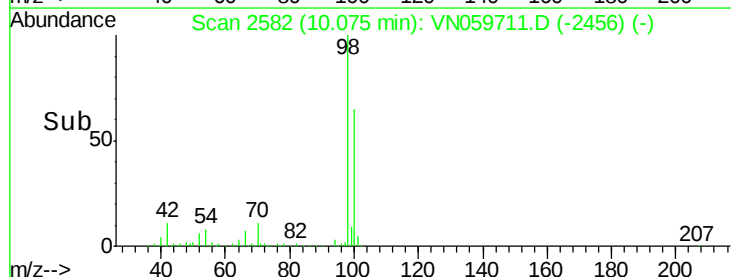
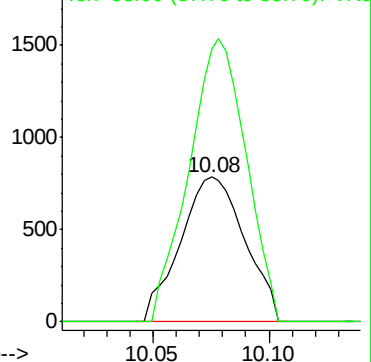
Ion Ratio Lower Upper

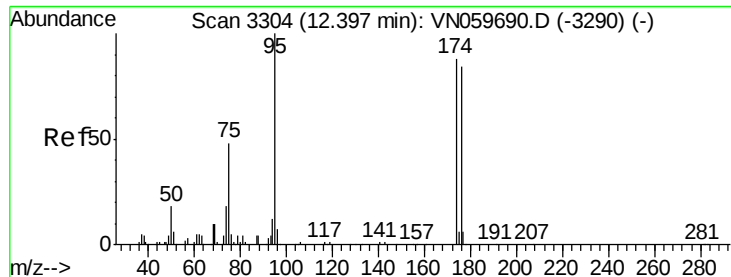
43 100

58 173.3 29.8 44.8#



Abundance Ion 43.00 (42.70 to 43.70): VN059711.D (-2456) (-)





#62

4-Bromofluorobenzene

Concen: 46.441 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059711.D

Acq: 15 Jan 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

VN0115MBL01

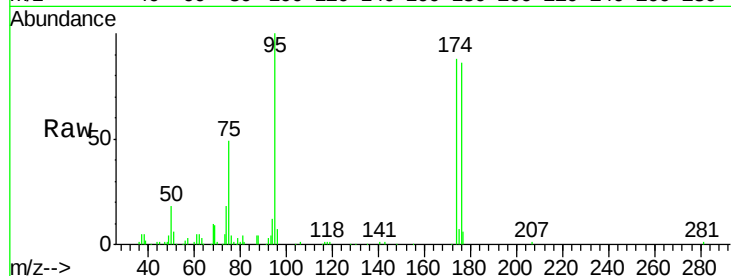
Tgt Ion: 95 Resp: 115533

Ion Ratio Lower Upper

95 100

174 88.6 0.0 151.4

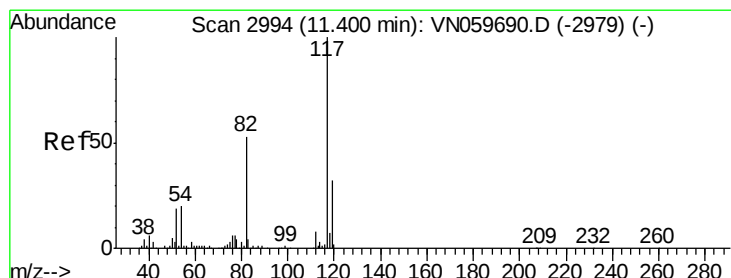
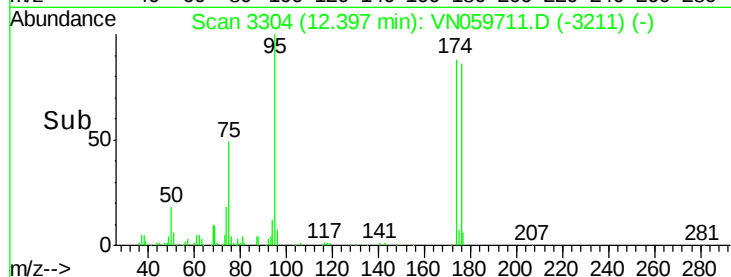
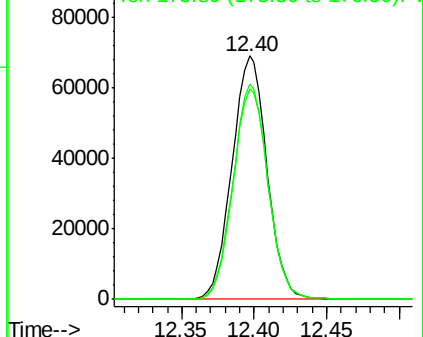
176 87.0 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059711.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN059711.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN059711.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059711.D

Acq: 15 Jan 2020 10:53

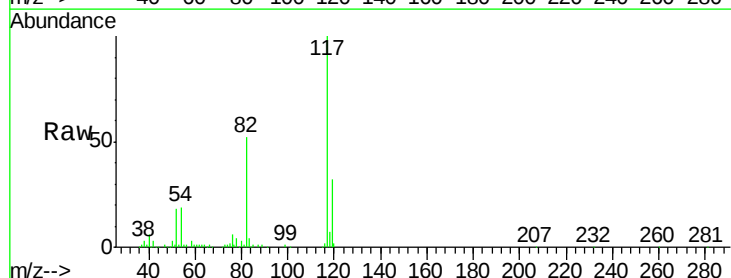
Tgt Ion: 117 Resp: 256360

Ion Ratio Lower Upper

117 100

82 52.1 45.9 68.9

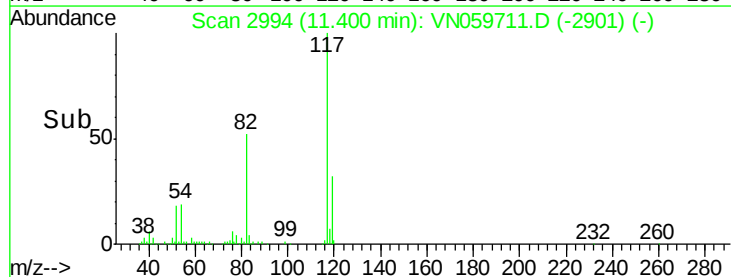
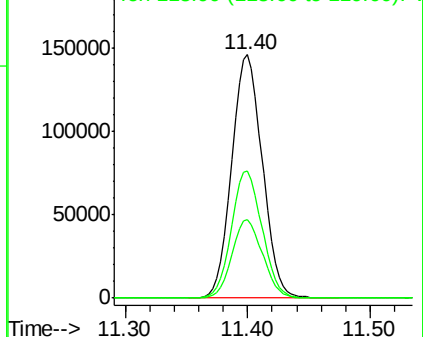
119 32.0 25.5 38.3

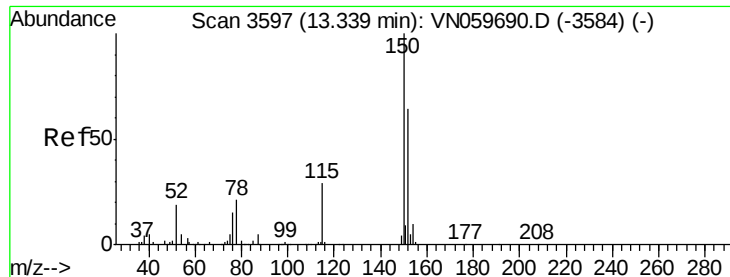


Abundance Ion 116.90 (116.60 to 117.60): VN059711.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN059711.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN059711.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059711.D

Acq: 15 Jan 2020 10:53

Instrument :

MSVOA_N

ClientSampled :

VN0115MBL01

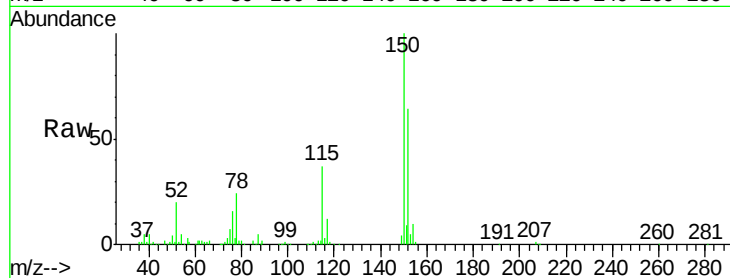
Tgt Ion:152 Resp: 109497

Ion Ratio Lower Upper

152 100

115 57.3 30.3 90.9

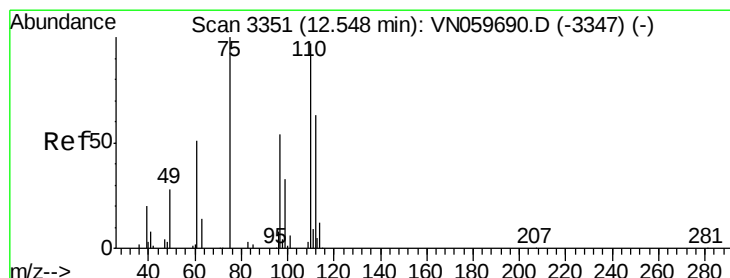
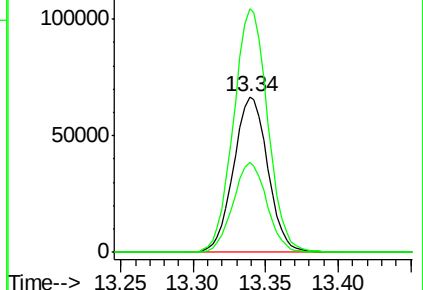
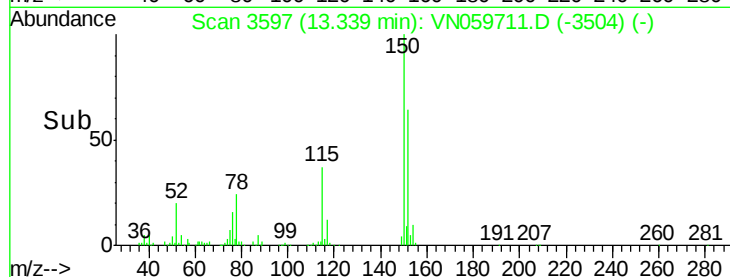
150 156.9 0.0 345.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 30.981 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN059711.D

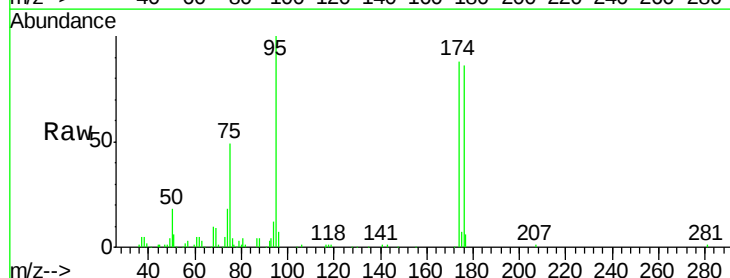
Acq: 15 Jan 2020 10:53

Tgt Ion: 75 Resp: 57090

Ion Ratio Lower Upper

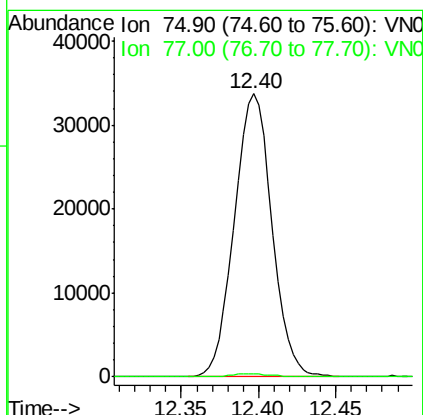
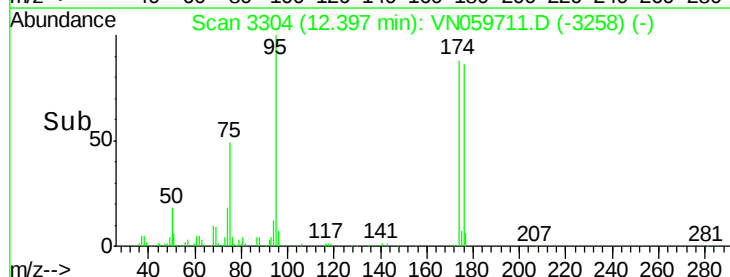
75 100

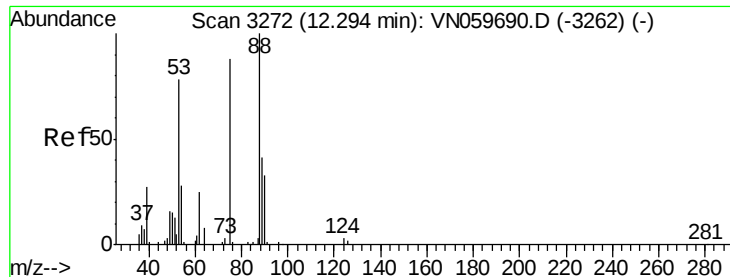
77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 66.532 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN059711.D

Acq: 15 Jan 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

VN0115MBL01

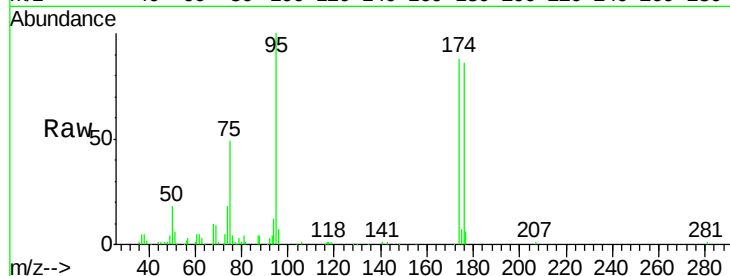
Tgt Ion: 75 Resp: 57090

Ion Ratio Lower Upper

75 100

53 0.0 78.1 117.1#

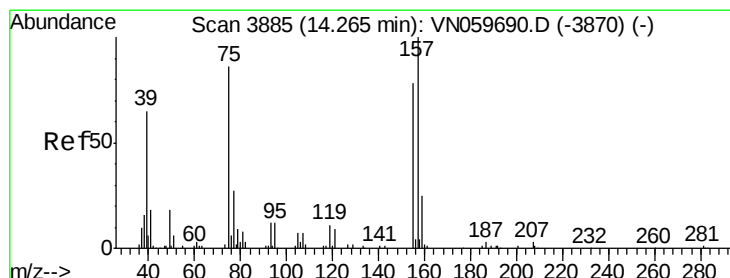
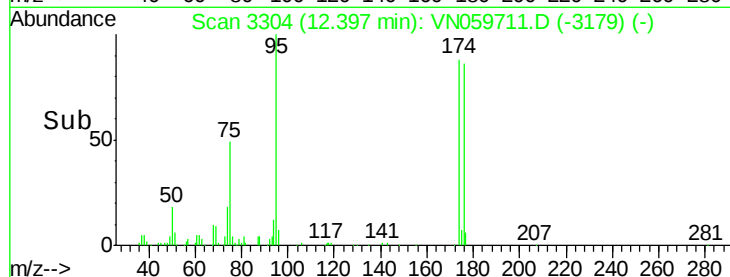
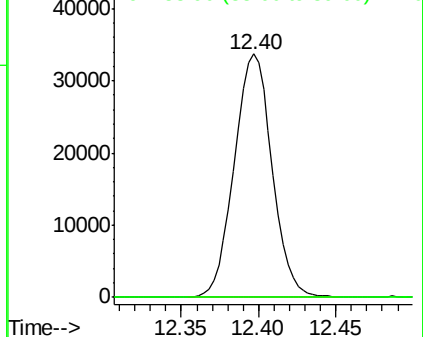
89 0.0 35.4 53.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.28 min Scan# 3891

Delta R.T. 0.02 min

Lab File: VN059711.D

Acq: 15 Jan 2020 10:53

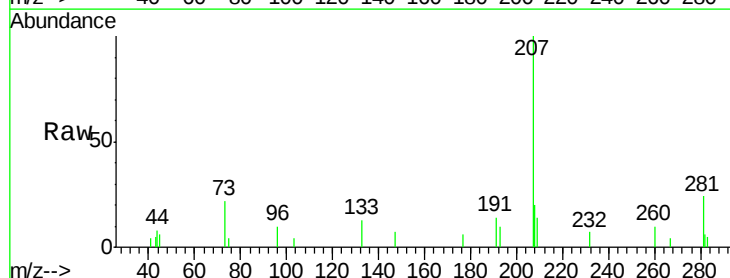
Tgt Ion: 75 Resp: 61

Ion Ratio Lower Upper

75 100

155 0.0 37.0 110.9#

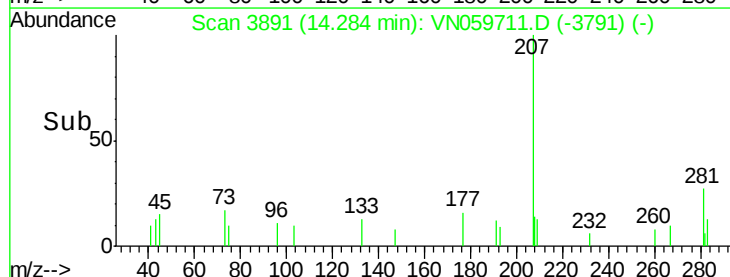
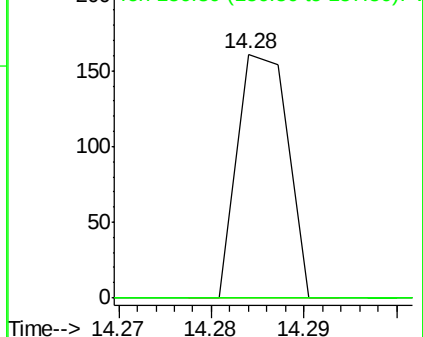
157 0.0 48.4 145.2#

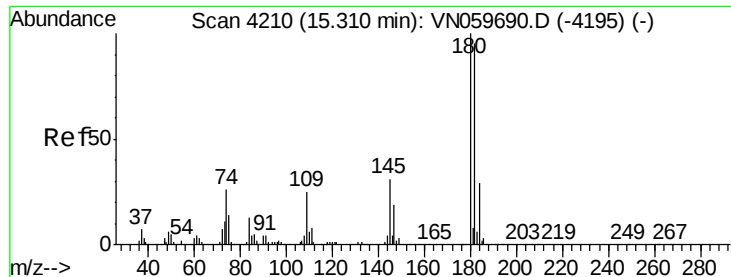


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.214 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.01 min
 Lab File: VN059711.D
 Acq: 15 Jan 2020 10:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115MBL01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.5	47.4	142.3
145	56.6	16.3	48.9

